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ABSTRACT OF THE DISCLOSURE

A fiber optic module includes a connector connected to a mother board of a host computer, an LD semiconductor IC for converting serial data received from the mother board to an LD electric signal for a laser diode, an LD module for converting the LD electric signal to an LD optical signal, a PD module for converting a photodiode optical signal to a PD electric signal, a PD semiconductor IC for converting the PD electric signal to PD serial data, a circuit board having the connector and carrying LD semiconductor IC and PD semiconductor IC, an LD shielding plate and a PD shielding plate for electrically shielding the LD module and the PD module, respectively, a first frame and a second frame for holding the circuit board, LD module and PD module. In the fiber optic module, the connector is of a surface mounting type, leads of the LD and PD modules are connected to a side of the circuit board mounted with the connector, the circuit board has an LD variable resistor for adjusting a drive current of the LD module, the LD variable resistor is provided to a side of the circuit board opposite to the connector, the circuit board has a PD variable resistor provided to the side of the circuit board opposite to the connector for detecting a signal of the PD module, 3 signal processing semiconductor ICs or less are provided. ~~An outline configuration of the circuit board measures 17mm through 25.4mm wide and 30mm through 50mm long, the outline~~



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3N dimensions of the fiber optic module are 19mm through-
3N 25.4mm wide, 45mm through 65mm high and 9mm through-
3N 25.4mm high. The second frame is provided with pawls-
3N for coupling of the optical signal, the first frame is
3N provided with projections for protecting the pawls, the
3N first and second frames are made of resin material and
3N have mechanisms of a snap-fit type for holding the
3N circuit board, a tipmost end of the circuit board is
3N held by the first and second frames, the first frame has
3N an arm, a recess provided to the arm is used to hold at
3N least one rear part of the circuit board, and the data
3N transmission rate of the optical signal is 200 Mbits/s
3N or more.